



## CASE STUDY: BOTTLING

### The Problem:

A bottler was having a problem. Even after rinsing, their bottles were contaminated. Because water rinsers require so much water, the bottler chose to use a recycled water rinser. The water was treated and filtered, but contamination issues remained. Rather than cleaning out the bottles, the recycled water caused dust and cardboard fibers to stick to the insides of the bottles. These dust and cardboard fibers carried the bacteria causing contamination.

### The Solution:

The bottler converted to an ionized air rinser. Using TAKK's Model 5860 Inline Ionizers, filtered compressed air is ionized and blown through nozzles into inverted bottles. The ionized air eliminates the static charge holding the dirt and cardboard fibers in bottles and the dirt and fibers fall out with the gentle movement of the air. A vacuum sucks the falling dirt out of the rinser and discharges it in a location away from the open bottles. The Ionized Air Rinser system eliminates the need for water/recycling water and it also cleans better than water.

The air rinser is an effective means of cleaning when using the ionization of the TAKK Inline Ionizers. In the three months since the conversion of their filler to ionized air, the bottler has had no contamination of their product.



Story and photo courtesy of:  
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